

# START

DON'T SAY IT - Write it!

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0040220

November 10, 1994

To: D. Faulk            EPA  
     J. Donnelly       Ecology  
cc: J. Bruggeman      DOE-RL  
     K. M. Thompson   DOE-RL  
     N. Werdel         DOE-RL

From: A. D. Krug, BHI

Subject: Unit Managers' Status Package

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Attached for your information are copies of the status package.



RECEIVED  
NOV 14 1994  
DOE-RL / DCC

100 AREA UNIT MANAGERS' MEETING

100-B/C, 100-K, 100-D, 100-H, AND 100-F

STATUS PACKAGE

November 17, 1994

RECEIVED

NOV 14 1994

DOE-RL / DCC

## 100-DR-2

100-DR-2 Work Plan

o A meeting was held on October 19, 1994 to discuss resolutions for the Ecology and EPA comments for 100-DR-2 Work Plan, DOE/RL-93-46, Draft B. To date, all the responses with the exception of one have been accepted by the regulators. The exception is a comment regarding background samples for 100-D Area. There is no background sample data for inorganics or rad in 100-D Area. There is background surface rad data from a site located between 100-D and 100-H areas. This issue will be further discussed with Ecology for resolution before the document can be submitted for public review.

100-DR-2 LFI (LFI/QRA) Report

o Ten copies of DOE-RL-94-73, Limited Field Investigation Report, for the 100-DR-2 Operable Unit, Decisional Draft were submitted to RL for review. The comment are due on November 28, 1994

## 100-B Area

## 100-BC-1

- DOE/RL review comments on the 100-BC-1 FFS and IRM PP have been addressed and the documents are to be released in November.

## 100-BC-2

- Comment resolution agreement was reached on the 100-BC-2 LFI/QRA Report and it is expected to be released in November.
- Work was initiated on the 100-BC-2 FFS.

## 100-BC-5

- The 100-BC-5 FFS is currently under regulator review.

## 100-K Area

## 100-KR-1

- Comment resolution has been reached with DOE/RL on DOE comments on the 100-KR-1 FFS. Because of the agreed to comment responses, the delivery date will change from the planned October 17, 1994, date to November 16, 1994. The November date submittal is five months ahead of schedule. (ADK)
- The date for submitting the 100-KR-1 IRM PP to DOE/RL for transmittal to the regulators has moved to December 16, 1994, as a result of moving the FFS date. The new delivery date is four months ahead of schedule. (ADK)

## 100-KR-2

- A 100-KR-2/KR-3 site tour was conducted with DOE/RL and EPA on October 20, 1994, to view potential waste sites and facilities. A preliminary disposition for each potential waste site was established in a October 27, 1994 meeting. (ADK)
- A meeting was held with DOE/RL, EPA, and Ecology on October 27, 1994, to discuss ways to streamline the RI/FS process for the 100-KR-2 OU. It was agreed to establish a working group to define what actions should be taken. A preliminary assessment was made which indicates that the need for a work plan can be met by a short fact sheet describing the 100-KR-2 waste sites and their proposed dispositions. Relevant material from the LFI and QRA could be added to the FFS. These steps could cut a year from the schedule. (ADK)

- A Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Change Control Form for the consolidation of the 100-KR-2 and 100-KR-3 Operable Units (OU) was submitted to DOE/RL. It was signed on October 27, 1994, at the Project Managers Meeting. (ADK)

## 100-KR-4

- The 100-KR-4 Focused Feasibility Study (FFS) and Interim Remedial Measures (IRM) Proposed Plan (PP) were submitted to DOE/RL in support of completing Milestones M-15-11C and M-15-11D, respectively, due October 31, 1995. They were transmitted on October 14, 1994, three days ahead of our commitment to DOE/RL. (ADK)

100-F Area

## 100-FR-3

- A Tri-Party Agreement Change Control Form M-15-94-10, Extend Milestones M-15-13G and M-15-13H to "Allow Incorporation of New Information Obtained from Supplemental Limited Field Investigation in 100-FR-3 OU" was submitted to DOE/RL. It was signed at the October 27, 1994, Unit Managers Meeting. (ADK)
- The 100-FR-3 IRM PP, Decisional Draft, was submitted to DOE/RL for review on October 27, 1994. (ADK)
- The 100-FR-3 LFI (Rev. 0) and QRA (Rev. 00) were submitted to DOE/RL on October 27, 1994. (ADK)-
- DOE/RL and regulator comments on the 100-FR-3 Soil Gas Description of Work (DOW) were received and dispositions prepared. The DOW was signed off. (ADK)

## H AREA

## 100 HR-1

- FFS REPORT and the IRM Proposed Plan: Regulatory review comments have been received and are being incorporated in the Proposed Plan for Interim Remedial Measures at the 100-HR-1 Operable Unit, DOE/RL-94-101, Draft A. Regulatory comments for the 100 HR-1 Operable Unit Focused Feasibility Study Report, DOE/RL-94-63, Draft A, have not been received.

## 100 HR-2

- LFI/QRA REPORTS: The 100-HR-2 LFI/QRA Report (single document), DOE/RL-94-53, Draft A, is in regulatory review.
- FOCUSED FEASIBILITY REPORT: The 100-HR-2 FFS Report, DOE/RL-94-65, Decisional Draft, is currently being revised to incorporate many of the comments developed during the 100-BC-1, DR-1, and HR-1 FFS DOE reviews prior to submittal to DOE for transmittal to the regulators to meet Milestone M-15-18B.
- IRM PROPOSED PLAN: The 100-HR-2 Proposed Plan is being finalized. Comments developed during the 100-BC-1, DR-1, and HR-1 PP DOE and regulator reviews are being incorporated to the extent possible prior to submittal to DOE for transmittal to the regulators to meet Milestone M-15-18C.

## 100 HR-3

- LFI AND QRA REPORTS: The 100 HR-3 LFI Report, DOE/RL-93-43, Rev 0, and the QRA Report, WHC.SD.EN.RA-007, Rev 0, transmitted to the regulators on September 30, 1994, are being prepared by the

regulators for public review.

- GROUNDWATER SAMPLING: Validation of 100 HR-3 Round 7 groundwater sampling event is in progress.
- FFS REPORT and IRM Proposed Plans: The 100 HR-3 Focused Feasibility Study Report, DOE/RL-94-67, Draft A, and the Proposed Plan for Interim Remedial Measures at the 100-HR-3 Operable Unit, DOE/RL-94-102 are in regulatory review.
- INSITU FLOW SENSORS: Insitu flow sensors data is being reduced and evaluated. The continued operation of the system in FY 95 is being reviewed.
- AQUIFER TEST PLAN WELLS: Reduction of test data has been suspended pending identification of FY 95 funding.
- 100-IU-4 -- SODIUM DICHROMATE BARREL DISPOSAL SITE ERA: The AR Report and the Proposed Plan Report for this ERA are currently in regulatory review.

#### 100 AREA TREATABILITY TEST STATUS

##### 118-B-1 EXCAVATION TREATABILITY TEST

During the month of October, the first trench was completed. Over 290 cubic yards of burial ground material was excavated. The Tri-Parties agreed to close the first trench because the majority of the data quality objectives had been met and further excavation in the current location would not provide additional information. The material excavated from the trench was approximately 70 percent soil and 30 percent miscellaneous metal. During the reporting period no special waste forms encountered, six buckets of material have been screened, and no sealed containers were encountered. None of the screened waste has exceed category three limits. Two "expected items", splines and perfs, have been encountered. Both were well within the estimated dose rates. Sorting has not been tested to date. Sorting will be conducted on material excavated from the second trench.

##### 100-HR-3 PUMP AND TREAT

Phase I operations continued through the month of October. Two hundred and fifty thousand gallons of groundwater was extracted and treated and 1.3 kilograms of chromium have been removed as of October 27, 1994.

Construction activities for phase II operation are almost complete. Phase II operations will commence on November 15, 1994. Operations were temporarily suspended from September 30 to October 14 due to the concern over the possibility of volatile organics in the system (detected during field screening). Laboratory confirmation samples indicated no volatile organics of concern. Pump and treat operations have been resumed.

##### 100 AREA SOIL WASHING

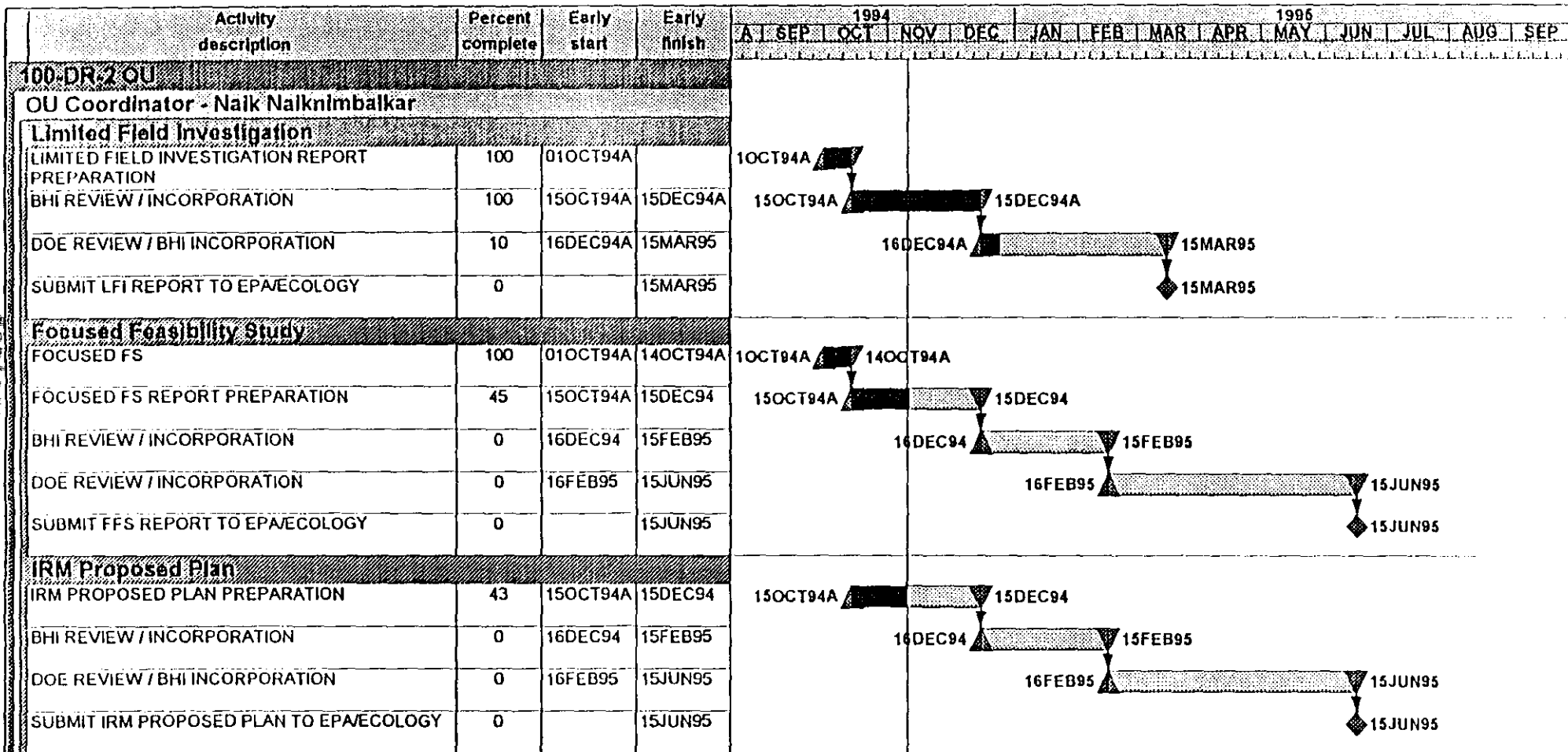
###### 100-DR-1 Pilot Scale Test

During the month of October construction of the soil washing system, documentation and permitting continued. Several meetings were held with the regulatory agencies to resolve comments on the test procedures, quality assurance project plan, sampling and analysis plan, and waste control plan. Shakedown of the soil washing system is planned for November, 1994.

###### Laboratory Test

PNL is continuing with wash water recycle test. The focus is now on recycle tests using electrolyte. The first two of five cycles are completed. The third is in progress. Gamma data from the 2nd cycle indicate a buildup of activity in the wash water.

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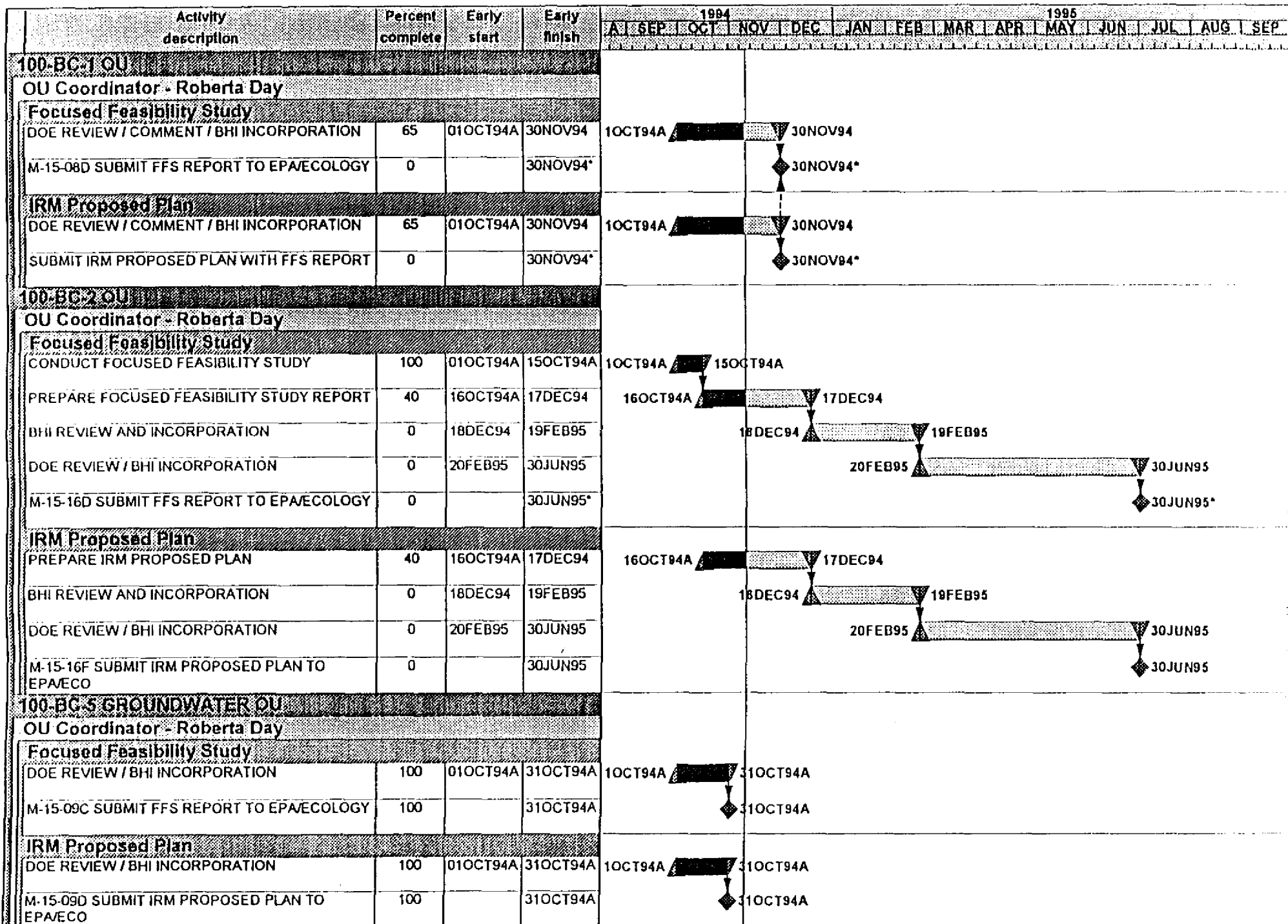


Project Start: 01OCT94  
 Project Finish: 31OCT95  
 Date: 11NOV94

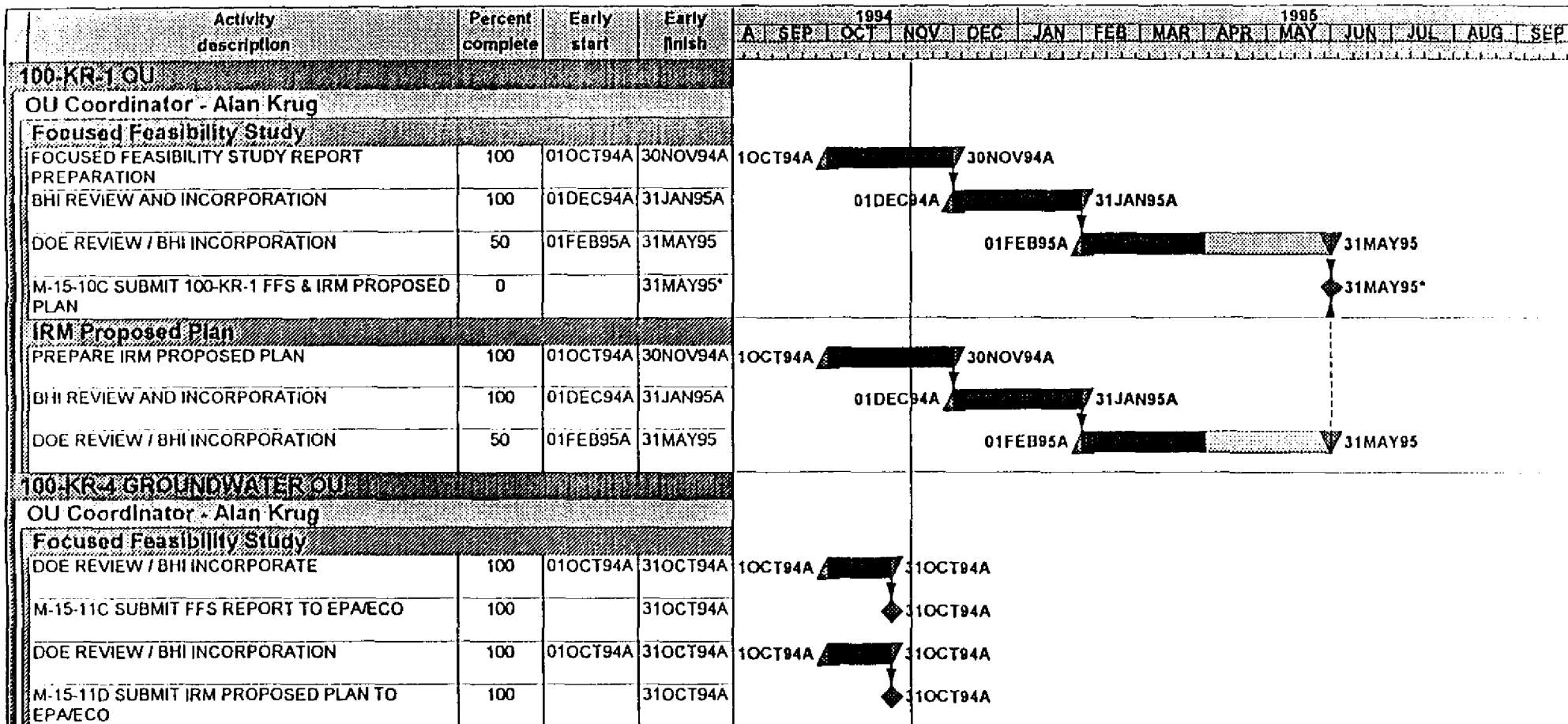
Bechtel Hanford Inc.  
 FY 1995 Unit Managers Meeting  
 November 1994

Sheet 1 of 1  
 Date: \_\_\_\_\_  
 Revision: \_\_\_\_\_  
 Checked: \_\_\_\_\_  
 Approved: \_\_\_\_\_

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Activity description	Percent complete	Early start	Early finish	1994									1995																																														
				A	S	E	P	O	C	T	N	O	V	D	E	J	A	N	F	E	B	M	A	R	A	P	R	M	A	I	J	U	N	J	U	L	A	U	G	S	E	P																	
<b>100-FR-1 OU</b>																																																											
<b>OU Coordinator - Alan Krug</b>																																																											
<b>Focused Feasibility Study</b>																																																											
BHI PREPARE FFS REPORT	68	01OCT94A	30NOV94	1OCT94A										30NOV94																																													
BHI REVIEW / INCORPORATION	0	01DEC94	31JAN95											01DEC94										31JAN95																																			
DOE REVIEW /BHI INCORPORATION	0	01FEB95	31MAY95																					01FEB95										31MAY95																									
M-15-13C SUBMIT FFS REPORT TO EPA/ECOLOGY	0		31MAY95																															31MAY95																									
<b>100-FR-2 GROUNDWATER OU</b>																																																											
<b>OU Coordinator - Alan Krug</b>																																																											
<b>Focused Feasibility Study</b>																																																											
BHI PREPARE IRM PROPOSED PLAN	68	01OCT94A	30NOV94	1OCT94A										30NOV94																																													
BHI REVIEW / INCORPORATION	0	01DEC94	31JAN95											01DEC94										31JAN95																																			
DOE REVIEW / BHI INCORPORATION	0	01FEB95	31MAY95																					01FEB95										31MAY95																									
M-15-13D SUBMIT IRM PROPOSED PLAN TO EPA/ECO	0		31MAY95																															31MAY95																									
<b>100-FR-3 GROUNDWATER OU</b>																																																											
<b>OU Coordinator - Alan Krug</b>																																																											
<b>Focused Feasibility Study</b>																																																											
DOE REVIEW / BHI INCORPORATION	54	01OCT94A	14DEC94	1OCT94A										14DEC94																																													
M-15-13G SUBMIT FFS REPORT TO EPA/ECOLOGY	0		14DEC94																					14DEC94																																			
<b>IRM Proposed Plan</b>																																																											
DOE REVIEW / BHI INCORPORATION	54	01OCT94A	14DEC94	1OCT94A										14DEC94																																													
M-15-13H SUBMIT IRM PROPOSED PLAN TO EPA/ECOLOGY	0		14DEC94																					14DEC94																																			

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Activity description	Percent complete	Early start	Early finish	1994					1995								
				A	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
100-HR-2 OU																	
OU Coordinator - Richard Biggerstaff																	
Focused Feasibility Study																	
DOE REVIEW / BHI INCORPORATION	0	01OCT94A	31JAN95	1OCT94A  31JAN95													
M-15-18B SUBMIT FFS REPORT TO EPA/ECOLOGY	0		31JAN95	 31JAN95													
IRM Proposed Plan																	
DOE REVIEW / BHI INCORPORATION	0	01OCT94A	31JAN95	1OCT94A  31JAN95													
M-15-18C SUBMIT IRM PROPOSED PLAN TO EPA/ECOLOGY	0		31JAN95	 31JAN95													

Activity description	Percent complete	Early start	Early finish	1994				1995								
				SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
<b>100-AREA TREATABILITY</b>																
<b>OU Coordinator - Joan Woolard</b>																
<b>118-1-B Excavation Treatability Test</b>																
CONDUCT EXCAVATION	15	01OCT94A	15FEB95	1OCT94A [Bar] 15FEB95												
SAMPLING AND ANALYSIS	10	01OCT94A	30APR95	1OCT94A [Bar] 30APR95												
PREPARE REPORT	0	16JAN95*	31MAY95	16JAN95* [Bar] 31MAY95												
M-15-16C SUBMIT 100-B BURIAL GROUND WORK RPT	0		31MAY95	[Diamond] 31MAY95												
<b>100-DR-1 Soil Washing Test</b>																
EQUIPMENT PROCUREMENT / INSTALLATION	63	01OCT94A	05DEC94	1OCT94A [Bar] 05DEC94												
PLANS / PROCEDURES / PERMITS	85	01OCT94A	30NOV94	1OCT94A [Bar] 30NOV94												
INITIATE SHAKE DOWN TEST	0	05DEC94	06JAN95	05DEC94 [Bar] 06JAN95												
CONDUCT TEST 1 & 2	0	07JAN95	17FEB95	07JAN95 [Bar] 17FEB95												
LABORATORY ANALYSIS	0	13FEB95*	06JUN95	13FEB95* [Bar] 06JUN95												
REPORT PREPARATION	0	01MAR95*	07JUL95	01MAR95* [Bar] 07JUL95												
REVIEW AND REVISION	0	10JUL95	01SEP95	10JUL95 [Bar] 01SEP95												
SUBMIT REPORT TO EPA/ECOLOGY	0		01SEP95	[Diamond] 01SEP95												
<b>100-HR-3 Pump &amp; Treat Treatability</b>																
PHASE 1 TESTING / WINTERIZATION	80	01OCT94A	15NOV94	1OCT94A [Bar] 15NOV94												
PHASE 2 TESTING	0	16NOV94	31OCT95	16NOV94 [Bar] 31OCT95												
PREPARE REPORT	0	01JUN95*	30SEP95	01JUN95* [Bar] 30SEP95												
SUBMIT REPORT TO EPA/ECOLOGY	0		30SEP95													